

ETHAN CONSTRUCTION LLC.

August 24, 2004

Sherry Maupin
Production/Safety Manager
Tully's Coffee
3100 Airport Way South
Seattle, WA 98134

Re: Retail Area Air Sampling

Dear Ms. Maupin

Air samples collected on August 10, 2004 in the Retail Area have been analyzed to determine the presence of airborne asbestos particles. The analytical results were 0.008 and 0.004 fibers per cubic centimeter (f/cc); both of which are less than the 0.01 f/cc clearance level as established by the Environmental Protection Agency.

Accordingly, there are no restrictions regarding occupancy or work procedures.

A copy of the air sample data sheet, Chain-Of-Custody and the laboratory analysis sheets are enclosed.

It is recommended that this information be incorporated into your building records.

Sincerely,

Paul W. Jackson, Project Manager
EPA (AHERA) Project Designer # 1007881 (Expires 2/18/2005)

OFFICE: 206-447-0263, FAX: 206-447-0299
3100 AIRPORT WAY SOUTH, SEATTLE WA 98134
WEB SITE : WWW.ARIELDEVELOPMENT.COM

RCLLC 0002096

NVL Laboratories, Inc.

4708 Aurora Ave N, Seattle, WA 98103

Tel: 206.547.0100 Emerg. Pager: 206.344.1878

Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

Paul W. Jackson**& Associates**3604 Beach Drive S.W.
Seattle, WA 98116-2739Project Location RAINIER BREWERY
RETAIL AREA

Phone: (206) 547-0100 Fax: (206) 634-1936

**CHAIN of CUSTODY
SAMPLE LOG**

NVL Batch Number _____

Client Job Number 2004 81004Total Samples 3Turn Around Time ☐ 1-Hr ☐ 24-Hrs ☐ 4 Days
☐ 2-Hrs ☐ 2 Days ☐ 5 Days
☐ 4-Hrs ☒ 3 Days ☐ 6 to 10 Days
Please call for TAT less than 24 Hrs

Email address (b) (6)

<input checked="" type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other _____
<input type="checkbox"/> Asbestos Bulk	<input type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM Bulk	
METALS <input type="checkbox"/> Total Metals <input type="checkbox"/> TCLP	Det. Limit <input type="checkbox"/> ppm (AAS) <input type="checkbox"/> ppb (GFAA)	Matrix <input type="checkbox"/> Air Filter <input type="checkbox"/> Drinking water <input type="checkbox"/> Dust/wipe <input type="checkbox"/> Soil	<input type="checkbox"/> Paint Chips <input type="checkbox"/> Paint Chips (Area) <input type="checkbox"/> Waste Water	RCRA Metals <input type="checkbox"/> Arsenic (As) <input type="checkbox"/> Barium (Ba) <input type="checkbox"/> Cadmium (Cd) <input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> All 8 <input type="checkbox"/> Lead (Pb) <input type="checkbox"/> Mercury (Hg) <input type="checkbox"/> Selenium (Se) <input type="checkbox"/> Silver (Ag)
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass <input type="checkbox"/> Silica	<input type="checkbox"/> Nuisance Dust <input type="checkbox"/> Respirable Dust	<input type="checkbox"/> Other (Specify) _____		

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments	A/R
1		RA1		
2		RA2		
3		RAQA		
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	<u>P. Jackson</u>	<u>P. Jackson</u>	<u>PW Jackson & Assoc</u>	<u>8/10/04</u>	
Relinquished by	<u>P. Jackson</u>	<u>P. Jackson</u>	<u>NVL</u>		
Received by					
Analyzed by					
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

PLEASE FAX REPORT RESULTS

Paul W. Jackson
& Associates

3604 Beach Drive S.W.
Seattle, WA 98116-2739

Your project partner!

Sampling Data Sheet

for
Asbestos, Lead, Mold & Other



(Please Type or Print)

Client Name: ETHAN CONSTRUCTION

Project#: 81004

Job Location: RAINIER BREWERY

NVL Batch #: _____

Total Samples 3

Results Needed By 3 DAYS

Company _____ Date _____

Sampled by: <u>PAUL JACKSON</u>	<u>PAUL JACKSON & ASSOCIATES</u>	
Relinquished by: <u>PAUL JACKSON</u>		
Received by:		
Analyzed by:		
Reviewed by:		

Sample ID: <u>RA1</u>	Location: <u>RETAIL AREA</u>
Sample Type: <u>CL</u>	Activities: <u>POST CLEAN UP</u>
Protection: _____	Worker: _____
Decon: _____	Time: Start <u>10:30</u> Rate: Start <u>12</u>
Environment: _____	End <u>12:50</u> End <u>12</u>
Pump #: <u>3</u>	Liters <u>1680</u> Fibers /fields _____
Date: <u>8/10/04</u>	Minutes= <u>140</u> Average= <u>12.0</u> LOD _____
	Fibers /cc _____

Sample ID: <u>RA2</u>	Location: <u>RETAIL AREA</u>
Sample Type: <u>CL</u>	Activities: <u>POST CLEAN UP</u>
Protection: _____	Worker: _____
Decon: _____	Time: Start <u>12:34</u> Rate: Start <u>12</u>
Environment: _____	End <u>12:43</u> End <u>13</u>
Pump #: <u>4</u>	Liters <u>1737.5</u> Fibers /fields _____
Date: <u>8/10/04</u>	Minutes= <u>139</u> Average= <u>12.5</u> LOD _____
	Fibers /cc _____

Sample ID: <u>RAQA</u>	Location: <u>RETAIL AREA</u>
Sample Type: <u>RB</u>	Activities: <u>POST CLEAN UP - QA/QC</u>
Protection: _____	Worker: _____
Decon: _____	Time: Start _____ Rate: Start _____
Environment: _____	End _____ End _____
Pump #: _____	Liters _____ Fibers /fields _____
Date: <u>8/10/04</u>	Minutes=_____ Average=_____ LOD _____
	Fibers /cc _____

Sample ID: _____	Location: <u>R</u>
Sample Type: _____	Activities: _____
Protection: _____	Worker: _____
Decon: _____	Time: Start _____ Rate: Start _____
Environment: _____	End _____ End _____
Pump #: _____	Liters _____ Fibers /fields _____
Date: _____	Minutes=_____ Average=_____ LOD _____
	Fibers /cc _____

SAMPLE TYPES

- | | |
|---------------------|------------------------|
| P Pre abatement | X Aggressive clearance |
| A Area | FB Field blank |
| I Inside reg. area | TB Trip blank |
| O Outside reg. area | B Breathing zone (TWA) |
| H HEPA exhaust | C Ceiling (STEL) |
| CL Clearance | |

CONTROLS

- | | | |
|------------------------|----------------------|----------------|
| RESP. PROT | DECON. | ENVIRONMENT |
| PA Pressure dem. air | D,S Decon. w/ shower | H HEPA vac. |
| CA Continuous flow air | D Decon. w/o shower | N Negative air |
| PAPR | | G Glovebag |
| F Full face mask APR | | O Outside |
| M Half face mask APR | | |

Page ____ OF ____

RCLLC 0002098

Paul W. Jackson
& Associates

3604 Beach Drive S.W.
Seattle, WA 98116-2739

Your project partner!

Sampling Data Sheet

for
Asbestos, Lead, Mold & Other

BATCH ID

2411272.00

L A B S
NATIONWIDE LABORATORY SERVICES

(Please Type or Print)

Client Name: ETHAN CONSTRUCTION

Job Location: PAULINA BREWERY

Total Samples 3

Results Needed By 3 Days

Project#: 81004

NVL Batch #:

Company

Date

Sampled by: <u>PAUL JACKSON</u>	<u>PAUL JACKSON & ASSOCIATES</u>	
Relinquished by: <u>PAUL JACKSON</u>		
Received by:		
Analyzed by: <u>YUSUF AHMED</u>	<u>NVL</u>	<u>8/16</u>
Reviewed by:		

Sample ID: <u>RA1</u>	Location: <u>RETAIL AREA</u>
Sample Type: <u>CE</u>	Activities: <u>POST CLEAN UP</u>
Protection:	Worker:
Decon:	Time: Start <u>10:30</u> Rate: Start <u>12</u>
Environment:	End <u>12:50</u> End <u>12</u>
Pump #: <u>3</u>	Minutes= <u>140</u> Average= <u>12.0</u>
Date: <u>8/10/04</u>	Liters <u>1680</u> Fibers /field <u>23/100</u> LOD <u>0.002</u> Fibers /cc <u>0.003</u>

Sample ID: <u>RA2</u>	Location: <u>RETAIL AREA</u>
Sample Type: <u>CE</u>	Activities: <u>POST CLEAN UP</u>
Protection:	Worker:
Decon:	Time: Start <u>12:34</u> Rate: Start <u>12</u>
Environment:	End <u>12:43</u> End <u>12</u>
Pump #: <u>4</u>	Minutes= <u>139</u> Average= <u>12.5</u>
Date: <u>8/10/04</u>	Liters <u>1722.5</u> Fibers /field <u>14/100</u> LOD <u>0.002</u> Fibers /cc <u>0.004</u>

Sample ID: <u>RAQA</u>	Location: <u>RETAIL AREA</u>
Sample Type: <u>FB</u>	Activities: <u>POST CLEAN UP - BA/RC</u>
Protection:	Worker:
Decon:	Time: Start _____ Rate: Start _____
Environment:	End _____ End _____
Pump #: _____	Minutes=_____ Average=_____
Date: <u>8/10/04</u>	Liters _____ Fibers /field <u>0/100</u> LOD _____ Fibers /cc _____

Sample ID: _____	Location: <u>R</u>
Sample Type: _____	Activities: _____
Protection: _____	Worker: _____
Decon: _____	Time: Start _____ Rate: Start _____
Environment: _____	End _____ End _____
Pump #: _____	Minutes=_____ Average=_____
Date: _____	Liters _____ Fibers /field _____ LOD _____ Fibers /cc _____

SAMPLE TYPES

P Pre abatement
A Area
I Inside reg. area
O Outside reg. area
H HEPA exhaust
C Clearance
X Aggressive clearance
FB Field blank
TB Trip blank
B Breathing zone (TWA)
C Ceiling (STEL)

RESP. PROT
PA Pressure dam. air
CA Continuous flow air
PAPR
F Full face mask APR
M Half face mask APR

CONTROLS

DECON.
OS Decon. w/ shower
D Decon. w/o shower

ENVIRONMENT
H HEPA vac.
N Negative air
G Glovebag
O Outside

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TOTAL P. 03

RCLLC 0002099

NVL Laboratories, Inc.

4708 Aurora Ave. N., Seattle, WA 98103
Tel: 206.547.0100, Fax: 206.634.1936
www.nvllabs.com



Asbestos And Other Fibers Analysis

by Phase Contrast Microscopy

Client: Paul W. Jackson & Associates, Inc.
Address: 3604 Beach Drive SW
Seattle, WA 98116
Attention: Mr. Paul Jackson

Batch #: 2411272.00

Method: NIOSH 7400
Client Project #: 81004
Samples Received: 3
Samples Analyzed: 3

Project Location: Rainier Brewery, Retail Area

Lab ID: 24063088		Client's Sample #: RA1		Date sampled: 8/10/2004									
<table border="1"><tr><th>Time</th><th>Flow Rate</th></tr><tr><td>Start 10:30 AM</td><td>12.00</td></tr><tr><td>End 12:50 PM</td><td>12.00</td></tr><tr><td>Minutes 140</td><td>Ave. 12.00</td></tr></table>		Time	Flow Rate	Start 10:30 AM	12.00	End 12:50 PM	12.00	Minutes 140	Ave. 12.00	Sample type: Clearance Location: Retail area Activity: Post clean up Worker: n/a Comments:			
Time	Flow Rate												
Start 10:30 AM	12.00												
End 12:50 PM	12.00												
Minutes 140	Ave. 12.00												
Liters 1680	Pump ID 3	LOQ fibers/cc min 0.023 max 0.298	Fibers/flds 23 / 100	Fibers/mm ² 29.3	RL f/cc 0.002								
					Fibers/cc 0.007								
Lab ID: 24063089		Client's Sample #: RA2		Date sampled: 8/10/2004									
<table border="1"><tr><th>Time</th><th>Flow Rate</th></tr><tr><td>Start 10:34 AM</td><td>12.00</td></tr><tr><td>End 12:53 PM</td><td>13.00</td></tr><tr><td>Minutes 139</td><td>Ave. 12.50</td></tr></table>		Time	Flow Rate	Start 10:34 AM	12.00	End 12:53 PM	13.00	Minutes 139	Ave. 12.50	Sample type: Clearance Location: Retail area Activity: Post clean up Worker: n/a Comments:			
Time	Flow Rate												
Start 10:34 AM	12.00												
End 12:53 PM	13.00												
Minutes 139	Ave. 12.50												
Liters 1737.5	Pump ID 4	LOQ fibers/cc min 0.022 max 0.288	Fibers/flds 14 / 100	Fibers/mm ² 17.8	RL f/cc 0.002								
					Fibers/cc 0.004								
Lab ID: 24063090		Client's Sample #: RAQA		Date sampled: 8/10/2004									
<table border="1"><tr><th>Time</th><th>Flow Rate</th></tr><tr><td>Start</td><td></td></tr><tr><td>End</td><td></td></tr><tr><td>Minutes</td><td>Ave.</td></tr></table>		Time	Flow Rate	Start		End		Minutes	Ave.	Sample type: BLANK Location: Retail area Activity: Worker: Comments:			
Time	Flow Rate												
Start													
End													
Minutes	Ave.												
Liters	Pump ID	LOQ fibers/cc min max	Fibers/flds 0 / 100	Fibers/mm ² < 7.0	RL f/cc								
					Fibers/cc								

Blank ave.(f/mm²) 0.0 Micro. field area (mm²) 0.00785 Effe. filtration area (mm²) 385 Precision +/-16% Accuracy +/- 10%

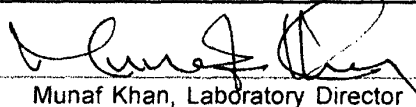
Sampled by: Client

Analyzed by: Zubair Ahmed

Date Analyzed: 08/16/2004

Reviewed by: Munaf Khan

Date Issued: 08/18/2004


Munaf Khan, Laboratory Director

* Samples are analyzed in accordance with the NIOSH 7400 (Issue 2: 15 August 1994). If the samples were not collected by NVL Laboratories, then the accuracy of the results is limited by the methodology and acuity of the sample collector. The LOQ, Limits of Quantification, are the fiber concentrations, for the given volume of the sampled air, above and below which the results may be unreliable. The RL, Reporting Limit defined in Method 7400 as LOD, is the fibers/cc below which the results may not be confidently distinguished from background levels. This report relates only to the items tested. It shall not be reproduced, except in full, without written approval of NVL Laboratories, Inc.